Index of Claims

| <b>Application</b> | Control | No. |
|--------------------|---------|-----|
|--------------------|---------|-----|

10/625,239

Examiner

Applicant(s)/Patent under Reexamination

LUO, YONG MIN

Art Unit

Rita R. Patel

1746

|          | Allowed  |
|----------|----------|
| <b>√</b> | Rejected |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |  | _                          |               |              |          | _            |  |              |          | _        |
|-------|--|----------------------------|---------------|--------------|----------|--------------|--|--------------|----------|----------|
| Cla   | im   | <u> </u>                   | _             | r –          |          | Date         | <u>e</u>   |              |          |          |
| Final | Original   | 11/30/05                   | 20/4/5 >>>>   |              |          |              |  |              |          |          |
|       | 1  | 1<br>1<br>1<br>1<br>1<br>1 | 1             |              |          |              | $\Box$   |              |          |          |
|       | 1<br>2<br>3<br>4<br>5  | 1                          | 1             |              |          |              |  |              |          |          |
|       | 3  | 1                          | /             |              |          |              |  |              |          |          |
|       | 4  | V                          | /             |              |          |              |  |              |          |          |
|       | 5  | 1                          | ~             | L            | L        |              |  |              |          |          |
|       | 6  | 1                          | \( \sigma \)  | L            |          |              |  |              | L        |          |
|       | 7  | ļ٧                         | ~             | <u> </u>     | _        | _            | $ldsymbol{ld}}}}}}$ | L            | <u> </u> |          |
|       | 8<br>9<br>10   | 1                          | <u> _</u>     | ļ            |          | ļ            | <u> </u>   | L            | <u> </u> |          |
|       | 9  | 1                          | ~             | _            | L        | _            | <u> </u>   | _            | _        |          |
|       | 10   | <u> </u>                   | ~             | <u> </u>     | _        | <u> </u>     | <u> </u>   | ┞            |          | _        |
|       | 11   | N                          | -             | _            | <u> </u> | ऻ_           |  | $\vdash$     | _        | _        |
|       | 12   | N                          | 드             | $\vdash$     | $\vdash$ | -            | ├-   | $\vdash$     | $\vdash$ | <u> </u> |
|       | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | N                          | <u> </u>      | <del> </del> | -        | -            | -  |              | $\vdash$ | $\vdash$ |
|       | 15   | N                          | <del> -</del> | -            |          | -            | ├  | $\vdash$     | $\vdash$ | $\vdash$ |
|       | 16   | N                          | =             | ├            |          | -            | -  | -            | ⊢        | $\vdash$ |
|       | 17   | 7                          | ~             |              |          |              |  | $\vdash$     | ┢        | -        |
|       | 18   | N<br>V                     | ۲             | $\vdash$     | _        | ┢            |  | $\vdash$     | ┢        | $\vdash$ |
|       | 19   | <u> </u>                   | ~             | -            |          | $\vdash$     |  | $\vdash$     | $\vdash$ | $\vdash$ |
|       | 20   | _                          | H             | $\vdash$     |          | ┢            | _  | $\vdash$     | H        |          |
|       | 21   | $\vdash$                   | $\vdash$      |              |          | ┢            | -  | ┢            | $\vdash$ | $\vdash$ |
|       | 22   | _                          |               |              |          | H            | _  | ┪            | $\vdash$ | $\vdash$ |
|       | 23   |                            |               |              |          |              |  |              |          |          |
|       | 24   |                            |               |              |          |              |  |              | T        | Г        |
|       | 25   |                            |               |              |          | Г            |  |              |          |          |
|       | 23<br>24<br>25<br>26<br>27   |                            |               |              |          |              |  |              |          |          |
|       | 27   |                            |               |              |          |              |  |              |          |          |
|       | 28<br>29<br>30   |                            |               |              |          |              |  |              |          |          |
|       | 29   |                            |               |              |          |              |  |              |          | <u> </u> |
|       | 30   |                            |               |              | _        | ļ            | _  |              |          | _        |
|       | 31<br>32<br>33   |                            |               |              | _        | L            |  |              | _        |          |
|       | 32   | L                          |               |              | _        | <u> </u>     |  |              |          |          |
|       | 33   | $\vdash$                   |               |              |          | <u> </u>     |  | L_           | <u> </u> | _        |
|       | 34<br>35   | $\vdash$                   | Щ             | <u> </u>     |          |              | <u> </u>   | <b> </b>     |          | $\vdash$ |
|       | 35   | $\vdash$                   | _             | <u> </u>     |          | <u> </u>     | <u> </u>   | _            | $\vdash$ | <u> </u> |
|       | 36<br>37   | ⊢                          | $\vdash$      | <u> </u>     |          | -            | <u> </u>   | <del> </del> | $\vdash$ | $\vdash$ |
|       | 38   | $\vdash$                   | $\vdash$      | -            | -        | $\vdash$     | ├-   |              | $\vdash$ | <u> </u> |
|       | 39   | $\vdash$                   | -             |              | -        | -            | $\vdash$   | H            | $\vdash$ | -        |
|       | 40   | $\vdash$                   | $\vdash$      | $\vdash$     |          | <del> </del> | <del>-</del>   | $\vdash$     | -        | -        |
|       | 41   | $\vdash$                   | -             | _            |          | -            | $\vdash$   |              | -        | H        |
|       | 42   | $\vdash$                   | H             | -            |          | -            | ⊢  | -            | $\vdash$ | $\vdash$ |
| -     | 43   | $\vdash$                   |               |              | $\vdash$ |              | $\vdash$   | <u> </u>     |          |          |
|       | 44   | Н                          |               | $\vdash$     | -        | $\vdash$     |  | Н            | 1        | Н        |
|       | 45   | Н                          |               | $\vdash$     | -        | $\vdash$     | <u> </u>   | -            | Г        | <u> </u> |
|       | 46   | Г                          |               |              | $\vdash$ | Г            | Г  | Ι            |          | Г        |
|       | 47   |                            |               |              |          | Π            |  |              |          |          |
|       | 48   |                            |               |              |          |              |  |              |          |          |
|       | 49   |                            |               |              |          |              |  |              |          |          |
|       | 50   |                            |               |              |          | Г            | Г  | П            |          |          |

| Cla   | im       |   |        | . (          | Date     | e            |            |          |          | ] [ | Cla   | im       |                     |          |          | ( | Date          | •   |   |                 |          |
|-------|----------|---|--------|--------------|----------|--------------|------------|----------|----------|-----|-------|----------|---------------------|----------|----------|---|---------------|-----|---|-----------------|----------|
| Final | Original |   | 20/4/5 |              |          |              |            |          |          |     | Final | Original |                     |          |          |   |               |     |   |                 |          |
|       | 1        | 7 | >      |              |          |              |            |          |          | ] [ |       | 51       |                     |          |          |   |               |     |   |                 |          |
|       | 2        | 7 | 7      |              |          |              |            |          |          | ] [ |       | 52       |                     |          |          |   |               |     |   |                 |          |
|       | 3        | 7 | ١      |              |          |              |            |          |          | ] [ |       | 53       |                     |          |          |   |               |     |   |                 |          |
|       | 4        | 7 | \      |              |          |              |            |          |          | ] [ |       | 54       |                     |          |          |   |               |     |   |                 |          |
|       | 5        | 1 | ١      |              |          |              |            |          |          | ] [ |       | 55       |                     |          |          |   |               |     |   |                 |          |
|       | 6        | 1 | 1      |              |          |              |            |          |          | ] [ |       | 56       |                     |          |          |   |               |     |   |                 |          |
|       | 7        | 7 | ١      |              |          |              |            |          |          |     |       | 57       |                     |          |          |   |               |     |   |                 |          |
|       | 8        | 7 | \      |              |          |              |            |          |          |     |       | 58       |                     |          |          |   |               |     |   |                 |          |
|       | 9        | 1 | ١      |              |          |              |            |          |          |     |       | 59       |                     |          |          |   |               |     |   |                 |          |
|       | 10       | 7 | \      |              |          |              |            |          |          |     |       | 60       |                     |          |          |   |               |     |   |                 |          |
|       | 11       | z | ١      |              |          |              |            |          |          |     |       | 61       |                     |          |          |   |               |     |   |                 |          |
|       | 12       | N | -      |              |          |              |            |          |          |     |       | 62       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 13       | N | -      |              |          | L            |            | L        |          |     |       | 63       |                     |          |          |   |               |     |   | Ш               |          |
|       | 14       | N |        |              |          |              |            |          |          |     |       | 64       | Ш                   |          |          |   |               |     |   |                 |          |
|       | 15       | N | -      |              |          |              |            |          |          |     |       | 65       |                     |          |          |   |               |     |   |                 |          |
|       | 16       | Z | 1      |              |          |              |            |          |          |     |       | 66       |                     |          |          |   |               |     |   |                 |          |
|       | 17       | ~ | 5      |              | L        |              | L          |          |          | Ιl  |       | 67       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 18<br>19 | 1 | ~      |              |          |              |            |          |          | Ιl  |       | 68       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 19       |   |        |              |          | _            |            |          |          | IJ  |       | 69       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 20       |   |        |              |          |              |            |          | L        | IJ  |       | 70       |                     |          |          |   |               |     |   | Ш               | Ш        |
|       | 21       |   |        |              |          |              |            |          |          | ] [ |       | 71       |                     |          |          |   |               |     |   |                 |          |
|       | 22       |   |        |              |          |              |            |          |          |     |       | 72       |                     |          |          |   |               |     |   |                 |          |
|       | 23       |   |        |              |          |              |            |          |          |     |       | 73       |                     |          |          |   |               |     |   |                 |          |
|       | 24       |   |        |              |          |              |            | L        |          |     |       | 74       |                     |          |          |   |               |     |   |                 |          |
|       | 25       |   |        |              |          |              |            | L        | _        |     |       | 75       | Ш                   |          |          |   |               |     |   | Ш               | Ш        |
|       | 26       |   |        |              |          | L_           |            | L        | <u> </u> |     |       | 76       |                     |          |          |   |               |     |   |                 |          |
|       | 27       |   |        |              |          |              | <u></u>    | <u> </u> | _        |     |       | 77       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 28       |   |        |              |          |              |            | L        | <u> </u> |     |       | 78       |                     |          |          |   |               |     |   |                 | Ш        |
|       | 29       |   |        |              |          |              |            |          | <u> </u> |     |       | 79       |                     |          |          |   |               |     |   | Ш               | Ц        |
|       | 30       |   |        |              |          |              |            |          |          |     |       | 80       |                     |          |          |   |               |     |   | Щ               | Ш        |
|       | 31       |   |        | <br>         |          |              | lacksquare | _        |          |     |       | 81       |                     |          |          |   |               |     |   |                 | Ц        |
|       | 32       |   |        |              | <u> </u> |              | _          |          |          |     | _     | 82       |                     |          | _        |   |               |     |   | Ш               |          |
| _     | 33       |   |        |              |          | L_           |            | _        |          |     |       | 83       |                     | _        | _        | _ |               |     |   | Ш               |          |
|       | 34       |   |        |              | _        | <u> </u>     | _          | L.       | <u> </u> |     |       | 84       |                     | _        | _        |   |               |     |   |                 | $\Box$   |
|       | 35       |   |        |              |          | <u> </u>     | _          |          | _        |     |       | 85       |                     |          | _        |   |               |     |   |                 | Ш        |
|       | 36       |   |        |              | L        | L_           | _          |          | _        |     |       | 86       |                     | _        | _        |   |               |     |   | $\sqcup$        | Ш        |
|       | 37       |   |        |              | _        | <u> </u>     |            |          | L_       |     |       | 87       |                     | _        | _        | _ |               |     |   | Ш               | Щ        |
|       | 38       |   |        |              | _        |              |            | _        | _        |     |       | 88       |                     | _        | _        | _ |               |     |   |                 |          |
|       | 39       |   |        |              | L.       | <u> </u>     | _          |          |          |     |       | 89       |                     | _        | _        | _ |               |     |   |                 | $\sqcup$ |
|       | 40       |   |        |              | _        | _            |            | _        | <u> </u> |     |       | 90       |                     |          | _        |   |               |     |   |                 | Щ        |
|       | 41       |   |        |              | ļ        | <u> </u>     |            | _        | _        |     |       | 91       |                     | $\dashv$ | _        | _ |               |     |   | Ш               | $\dashv$ |
|       | 42       |   |        |              | <u> </u> | <u> </u>     |            |          | <u> </u> |     |       | 92       | $\Box$              | $\dashv$ | $\dashv$ | _ |               |     | _ | $\square$       | $\vdash$ |
| _     | 43       |   |        |              |          | _            | L          |          | <u> </u> |     |       | 93       |                     | _        | _        |   |               |     |   |                 | Ц        |
|       | 44       | _ |        | -            | $\vdash$ | ļ            | ļ          | $\vdash$ | _        |     |       | 94       | Ш                   | _        | _        | _ | $\sqsubseteq$ |     | _ | Щ               | Щ        |
|       | 45       | _ |        | <u> </u>     | $\vdash$ | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> |     |       | 95       | $\sqcup$            | _        |          |   |               |     |   |                 | 닏        |
|       | 46       |   |        |              | _        | <u> </u>     | $\vdash$   |          |          |     |       | 96       | Ш                   |          | _        |   |               |     |   |                 | 닏        |
|       | 47       |   |        |              | L        | <u> </u>     | <u> </u>   | _        | <u> </u> |     |       | 97       | $\vdash \downarrow$ |          |          |   |               |     | L | Щ               | Щ        |
|       | 48       | _ | Щ      | <br><u> </u> | <u> </u> | <del> </del> | ⊢          | <u> </u> | <u> </u> |     |       | 98       |                     |          |          | _ | Щ             | _   |   | $\vdash \vdash$ | Щ        |
| -     | 49       |   | ш      | _            | $\vdash$ | <b>—</b>     | $\vdash$   | <u> </u> | <u> </u> |     |       | 99       | $\vdash \dashv$     |          |          | _ | $\square$     |     |   |                 | Щ        |
|       | 50       |   |        | L            |          |              | L          | Ц_       | L        | J   |       | 100      | لـــا               |          |          |   |               | لبا |   |                 | Ш        |

| Cli   | aim   | Date     |              |  |          |                  |          |          |              |                |
|-------|---|----------|--------------|--|----------|------------------|----------|----------|--------------|----------------|
|       |   | _        |              | <u> </u>   |          |                  |          |          |              | П              |
| Final | Original  |          |              |  |          |                  |          |          |              |                |
|       | 101   |          |              |  | Г        | ┢                | $\vdash$ | $\vdash$ | $\vdash$     | $\Box$         |
|       | 102<br>103<br>104<br>105  |          |              |  |          |                  |          |          |              |                |
|       | 103   |          |              |  |          |                  |          |          |              |                |
|       | 104   |          |              |  |          |                  |          |          |              |                |
|       | 105   |          | L            |  |          | 匚                |          | _        | <u> </u>     | Ш              |
|       | 106   |          | L.           |  |          | L_               |          | L        | <u> </u>     | Щ              |
|       | 107<br>108  | _        |              | _  | _        | <u> </u>         | _        | <u> </u> |              | Ш              |
|       | 108   | _        |              | _  |          |                  | ļ        | ļ        | -            | $\vdash$       |
|       | 109   |          |              | -  |          |                  | -        | <u> </u> | <u> </u>     | Н              |
|       | 110<br>111  |          | -            | ├  | $\vdash$ |                  |          | $\vdash$ | $\vdash$     | Н              |
|       | 112   |          | -            | ├─   | ┝        | $\vdash$         | ⊢        | $\vdash$ | ┝            | Н              |
|       | 113   |          | _            | ┢  | $\vdash$ |                  | ┢        | $\vdash$ | $\vdash$     | Н              |
|       | 113<br>114<br>115   |          | $\vdash$     |  | $\vdash$ |                  |          | $\vdash$ |              | Н              |
|       | 115   |          |              |  |          |                  | _        |          |              | Н              |
|       | 116   |          |              |  |          |                  | _        |          |              | $\Box$         |
|       | 117   |          |              |  |          |                  |          |          |              |                |
|       | 118   |          |              |  |          |                  |          |          |              |                |
|       | 119   |          |              |  |          |                  |          |          |              |                |
|       | 120   |          |              |  |          |                  |          |          | L            | Ш              |
|       | 121   |          | L            | <u> </u>   |          |                  | <u> </u> | <u> </u> |              | Ш              |
|       | 122   |          |              | _  | <u> </u> | <u> </u>         | L_       | _        |              | Щ              |
|       | 123   |          |              | <u> </u>   | <u> </u> | <u> </u>         | <u> </u> | <u> </u> | _            | Н              |
|       | 124   |          | _            | ⊢  | ┝        | $\vdash$         | ⊢        | <u> </u> | _            | Н              |
|       | 125   |          | -            | ├-   | ├—       |                  | ┝        | $\vdash$ |              | $\vdash\vdash$ |
|       | 120   |          | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$         | ┝        | -        |              | Н              |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |          | <del> </del> | $\vdash$   | $\vdash$ | ┢                | $\vdash$ | $\vdash$ |              | Н              |
|       | 129   |          |              |  | $\vdash$ | $\vdash$         | $\vdash$ | $\vdash$ | $\vdash$     | H              |
|       | 130   |          |              |  | $\vdash$ |                  | Т        |          | $\vdash$     | П              |
|       | 131   |          |              |  | $\vdash$ |                  |          |          |              | П              |
|       | 132   |          |              |  |          |                  |          |          |              |                |
|       | 133   |          |              |  |          | Ш                |          |          |              |                |
|       | 132<br>133<br>134   | Ш        |              |  |          | L                |          |          | oxdot        | Ш              |
|       | 135   | Ш        |              | <u> </u>   | <u> </u> | ldash            | <u> </u> | <u> </u> | L            | Ш              |
|       | 136   | <u> </u> |              |  | <u> </u> | <b> </b> -       | <u> </u> | <u> </u> | $\vdash$     | Н              |
|       | 137<br>138  | $\vdash$ | _            | H  | <u> </u> | $\vdash$         | $\vdash$ | <b>!</b> | ⊢            | Н              |
|       | 138   | H        | _            | H  | $\vdash$ | $\vdash$         | $\vdash$ | <u> </u> | ⊢            | Н              |
|       | 140   | H        |              | $\vdash$   | $\vdash$ | $\vdash$         | $\vdash$ | $\vdash$ | $\vdash$     | Н              |
|       | 141   | $\vdash$ | -            | <del>                                     </del> | $\vdash$ | <del>  -  </del> | -        | $\vdash$ | <del> </del> | Н              |
|       | 142   |          | -            | <del>                                     </del> | $\vdash$ | $\vdash$         | -        | $\vdash$ | H            | H              |
|       | 143   |          |              |  | $\vdash$ | $\vdash$         | $\vdash$ | $\vdash$ | Н            | Н              |
| -     | 144   |          |              |  |          |                  |          | Г        |              | Н              |
|       | 145   |          |              |  |          |                  |          |          |              | П              |
|       | 146   |          |              |  | L        |                  |          |          |              |                |
|       | 147   |          |              |  |          |                  |          |          |              |                |
|       | 148   |          |              |  |          |                  |          |          |              |                |
|       | 149   |          |              | Ľ  |          | 匚                | L        |          |              |                |
| L     | 150   |          |              | L  | L        |                  |          | <u>L</u> | L            | Ш              |